I. GENERAL

This project involves the modification of an existing Traffic Control Signal at the intersection of Stevenson Road and MD 129A (Brooks Robinson Drive) / I 695 On Ramp in Baltimore County. A new southbound right turn concurrent phase shall be installed at this location. Stevenson Road is assumed to run in a north-south direction.

PROJECT DESCRIPTION

II. INTERSECTION OPERATION

- 1. The intersection is to operate in a NEMA feur phase, fully-actuated mode, with the Stevenson Road approaches running concurrently. The existing Exclusive/Permissive left turn phases on both northbound and southbound Stevenson Road shall remain. The MD 129A (Brooks Robinson Drive) approach shall run in its own phase. A new right turn overlap phase shall be provided for the southbound Stevenson Road approach.
- The existing full-traffic-actuated, eight-phase controller with video interface and all necessary equipment housed in a NEMA size "6" base-mounted cabinet shall be utilized at this intersection.

III. SPECIAL NOTES

- The Contractor shall be responsible for terminating all signal cables, to the appropriate terminals and shall properly label each cable.
- 2. All underground and overhead utilities shown on these plans are schematic only and may not be complete. The Contractor shall be responsible for notifying Miss Utility prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal will occur, the Contractor shall notify the Project Engineer immediately so that the conflict may be resolved.
- 3. All controller cabinet wiring will be performed by the S.H.A. Signal Shop Contact Mr. Ed Rodenhizer(Dave Swartz) at (410) 787–7652 seventy—two hours in advance of intended work.

The contact persons for District #4 are as follows:

Ms. Erin Kuhn Assistant District Engineer – Traffic Phone: (410) 321–2781

Mr. Andre Futrell Assistant District Engineer – Maintenance Phone: (410) 321–2761

Mr. Mike Pasquaiello Assistant District Engineer – Utility Phone: (410) 321–2841

Mr. Richard L. Daff. Sr. Chief. Traffic Operations Division Phone: (410) 787–7630

Mr. Ed Rodenhizer Chief, Signal Operations Section 410–787–7652

The power company representative is:

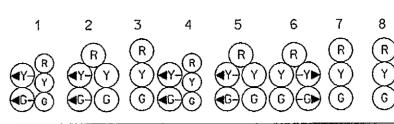
Baltimore Gas and Electric 7317 Parkway Drive South Hanover, MD 21076 410-850-4620

EQUIPMENT LIST

EQUIPMENT TO BE SUPPLIED BY S.H.A.

DESCRIPTION	QUANTITY	
Remove existing traffic signal head.	1	EA
12" LED vehicular signal head section.	5	EA
Electrical cable — 7 conductor (No. 14 AWG).	345	L.F

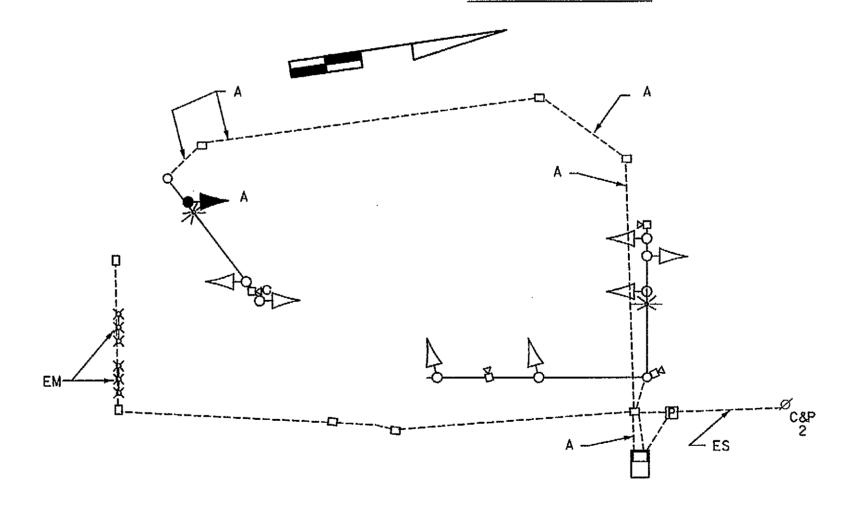




PHASE CHART

PHASE 1 & 5	4- G-/R	4 -G-/R	R	4- G-/R	4 -G/R	R	R	R	1
CHANGES TO PHASES 1 & 6.	2 & 5 OR	2 & 6							<i></i> .
PHASE 1 & 6	4 -G-/G	4 -6-/6	G	R	R	R	R	R	→ 1-
1 & 6 CHANGE	4 -Y-/G	4- Y-/G	G	R	R	R	R	R	_
PHASE 2 & 5	R	R	R	4 -G-/G	4 -6-/6	G	R	R	J.
2 & 5 CHANGE	R	R	R	4- Y-/G	∢- Y-/G	G	R	R	→ * T
PHASE 2 & 6	G	G	G	G	G	G	R	R	1 +
2 & 6 CHANGE	Y	Y	Y	Υ	Y	Y	R	Ř	<i></i>
PHASE 4	R	R	R	R	Ŕ	R/ - G- >	G	G	OVL
4 CHANGE	R	R	R	R	R	R/Y- ≯	Y	Y	-1
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	4 +

WIRING DIAGRAM



WIRING KEY

A - 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)

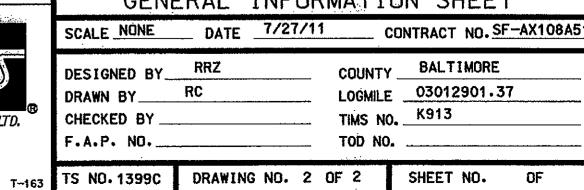
EM-EXISTING MICROLOOP LEAD-IN CABLE

ES-EXISTING UNDERGROUND SERVICE TO BE MAINTAINED BY BGE

STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION

STEVENSON ROAD AND MD 129A (BROOKS ROBINSON DRIVE)
I-695 INNER LOOP ON RAMP

GENERAL INFORMATION SHEET



REVISION "C"

STREET TRAFFIC STUDIES, LTD. 400 Crain Hwy.,NW. Glen Burnle,MD 21061

PLOTTED: \$DATETIME\$ FILE: \$FILE\$